

STORAGE AREA NETWORK METHODS AND APPARATUS  
WITH EVENT NOTIFICATION CONFLICT RESOLUTION

**Abstract of the Invention**

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An improved storage area network has a manager digital data processor that includes a first element that maintains a first representation of the SAN, and a second element that maintains a second representation of the SAN. The first element generates notifications of events in the SAN, e.g., addition or removal of components or relationships between components. The second element responds to such notifications by accessing the first representation (e.g., via the first element) and updating the second representation. In the event of a discrepancy between the event notification and either representation, the second element selectively disregards the event notification or rebuilds (recovers) the second representation by copying one or more attributes of the first representation.

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